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Publication date:
2017

Document Version
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

Citation (APA):
Poulsen, K. G., Feilberg, K. L., & Christensen, J. H. (2017). *Hydrocarbon Fingerprinting of Kraka and neighboring oil fields - Tracking temporal changes in oil and core samples during long term production and EOR experiments*. Abstract from Danish Hydrocarbon Research and Technology Centre Technology Conference 2017, Lyngby, Denmark.

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Danish Hydrocarbon Research and Technology Centre Technology Conference 2017

Hydrocarbon Fingerprinting of Kraka and neighboring oil fields - Tracking temporal changes in oil and core samples during long term production and EOR experiments

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Temporal characterization of the hydrocarbon composition for relevant DUC oil fields during long term oil production and core-flooding experiments. Oil and core samples are analyzed using state-of-the-art analytical platforms (e.g. GC-MS, GCxGC-HRTOFMS and LC-HRTOFMS) coupled with chemometric data treatment in order to describe the polar and non-polar hydrocarbon fraction with respect to geochemical properties (e.g. source rock, thermal maturity, biodegradation) and enhanced oil recovery (EOR).



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